

Section 1. Registration Information

Source Identification

Facility Name:	Winco Foods LLC Phoenix Distribution Center #87
Parent Company #1 Name:	WincCo Foods LLC
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	First-time submission
Subsequent RMP Submission Reason:	
Description:	
Receipt Date:	12-Feb-2014
Postmark Date:	12-Feb-2014
Next Due Date:	12-Feb-2019
Completeness Check Date:	12-Feb-2014
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	

Facility Identification

EPA Facility Identifier:	1000 0022 3885
Other EPA Systems Facility ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	
Parent Company #1 DUNS:	56098817
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	7502 West Durango Street
Street 2:	
City:	Phoenix
State:	ARIZONA
ZIP:	85043
ZIP4:	
County:	MARICOPA

Facility Latitude and Longitude

Latitude (decimal):	33.43194
Longitude (decimal):	-112.225278
Lat/Long Method:	Global Positioning System (GPS) Carrier Phase Static Relative Positioning Technique
Lat/Long Description:	Process Unit
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	World Geodetic System of 1984
Source Map Scale Number:	

Owner or Operator

Operator Name: WinCo Foods LLC
Operator Phone: (480) 425-5400

Mailing Address

Operator Street 1: 7502 West Durango Street
Operator Street 2:
Operator City: Phoenix
Operator State: ARIZONA
Operator ZIP: 85043
Operator ZIP4:
Operator Foreign State or Province:
Operator Foreign ZIP:
Operator Foreign Country:

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person: Don Kellogg
RMP Title of Person or Position: Warehouse Manager
RMP E-mail Address: don.kellogg@wincofoods.com

Emergency Contact

Emergency Contact Name: Mark DiBello
Emergency Contact Title: Facility Maintenance Manager
Emergency Contact Phone: (480) 425-5400
Emergency Contact 24-Hour Phone: (435) 230-0705
Emergency Contact Ext. or PIN:
Emergency Contact E-mail Address: mark.dibello@wincofoods.com

Other Points of Contact

Facility or Parent Company E-mail Address:
Facility Public Contact Phone: (208) 672-2011
Facility or Parent Company WWW Homepage Address: www.wincofoods.com

Local Emergency Planning Committee

LEPC: Maricopa County LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site: 200
FTE Claimed as CBI:

Covered By

OSHA PSM : Yes
EPCRA 302 : Yes
CAA Title V:

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency)

Date:

Last Safety Inspection Performed By an External Agency:

Never had one

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:

Preparer Phone:

Preparer Street 1:

Preparer Street 2:

Preparer City:

Preparer State:

Preparer ZIP:

Preparer ZIP4:

Preparer Foreign State:

Preparer Foreign Country:

Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:

Substantiation Provided:

Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:

See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:

1000047851

Description:

Ammonia Refrigeration

Process Chemical ID:

1000058155

Program Level:

Program Level 3 process

Chemical Name:

Ammonia (anhydrous)

CAS Number:

7664-41-7

Quantity (lbs):

58000

CBI Claimed:

Flammable/Toxic:

Toxic

Process NAICS

Process ID:	1000047851
Process NAICS ID:	1000048272
Program Level:	Program Level 3 process
NAICS Code:	49312
NAICS Description:	Refrigerated Warehousing and Storage

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000039142

Percent Weight:	99.9
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	Yes
Berms:	
Drains:	
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000041369

Percent Weight:	99.9
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:
 Enclosures:
 Berms:
 Drains:
 Sumps:
 Other Type:

Active Mitigation Considered

Sprinkler System:
 Deluge System:
 Water Curtain:
 Neutralization:
 Excess Flow Valve:
 Flares:
 Scrubbers:
 Emergency Shutdown: Yes
 Other Type:

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

WinCos implementation of the RMP/PSM Program includes employee education in the hazards of ammonia and measures that can be used to reduce employee exposure to accidental releases. The plan includes a regular preventative maintenance program (mechanical integrity) for the ammonia system components, and a program for both pre-startup safety reviews and management of change (MOC) to the ammonia refrigeration system. The program also includes operating procedures for the safe operation of the refrigeration system, specific requirements for safe work practices (such as safe approaches to welding and similar hot work), and safety requirements for contractors who may be hired to work on the refrigeration system. WinCo has a procedure in place for investigating incidents to ensure root causes are identified and corrective actions are taken to minimize the potential for recurrence of incidents. The program also has a component for conducting compliance audits to ensure the RMP/PSM program is being implemented at WinCos Phoenix facility. Lastly the RMP/PSM program incorporates the facility's emergency response plan and places special emphasis on handling accidental releases of ammonia and coordination of emergency response activities with the local fire authority and other response agencies.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000049622
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Prevention Program Level 3 ID:	1000041584
NAICS Code:	49312

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	05-Feb-2014
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Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	14-Jan-2014
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The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes

Explosion:
Runaway Reaction:
Polymerization:
Overpressurization: Yes
Corrosion: Yes
Overfilling: Yes
Contamination:
Equipment Failure: Yes
Loss of Cooling, Heating, Electricity, Instrument Air:
Earthquake:
Floods (Flood Plain):
Tornado:
Hurricanes:
Other Major Hazard Identified:

Process Controls in Use

Vents:
Relief Valves: Yes
Check Valves: Yes
Scrubbers:
Flares:
Manual Shutoffs: Yes
Automatic Shutoffs: Yes
Interlocks: Yes
Alarms and Procedures: Yes
Keyed Bypass:
Emergency Air Supply:
Emergency Power: Yes
Backup Pump:
Grounding Equipment:
Inhibitor Addition:
Rupture Disks:
Excess Flow Device:
Quench System:
Purge System:
None:
Other Process Control in Use:

Mitigation Systems in Use

Sprinkler System: Yes
Dikes:
Fire Walls:
Blast Walls:
Deluge System:
Water Curtain:
Enclosure: Yes
Neutralization:
None:
Other Mitigation System in Use: Diffusion Tank - Relief header discharges to a diffusion

Monitoring/Detection Systems in Use

Process Area Detectors: Yes
Perimeter Monitors:
None:
Other Monitoring/Detection System in Use:

Changes Since Last PHA Update

Reduction in Chemical Inventory:
Increase in Chemical Inventory:
Change Process Parameters:
Installation of Process Controls:
Installation of Process Detection Systems:
Installation of Perimeter Monitoring Systems:
Installation of Mitigation Systems:
None Recommended:
None: Yes
Other Changes Since Last PHA or PHA Update:

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures): 15-Jan-2014

Training

Training Revision Date (The date of the most recent review or revision of training programs): 11-Feb-2014

The Type of Training Provided

Classroom: Yes
On the Job: Yes
Other Training:

The Type of Competency Testing Used

Written Tests: Yes
Oral Tests:
Demonstration: Yes
Observation: Yes
Other Type of Competency Testing Used:

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures): 10-Feb-2014

Equipment Inspection Date (The date of the most recent equipment inspection or test): 11-Feb-2014

Equipment Tested (Equipment most recently inspected or tested): Refrigeration System is under construction

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures): 13-Nov-2013

Change Management Revision Date (The date of the most recent review or revision of management of change procedures): 10-Feb-2014

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans): 10-Feb-2014

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures): 10-Feb-2014

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures): 15-Nov-2013

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance): 15-Jan-2014

Confidential Business Information

CBI Claimed:

Section 8. Program Level 2

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?): Yes

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?):

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan): 10-Feb-2014

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees): 10-Feb-2014

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Phoenix Fire Department

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (603) 495-5555

Subject to

OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120: Yes

Clean Water Regulations at 40 CFR 112:

RCRA Regulations at CFR 264, 265, and 279.52: Yes

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws: Yes

Other (Specify):

Executive Summary

WinCo is a diversified retailer of grocery products throughout the United States. WinCo operates many retail grocery stores throughout the western states that are supplied through WinCo's distribution center located in Phoenix, AZ. WinCo's Phoenix Distribution Center employs approximately 200 and utilizes anhydrous ammonia for refrigeration of perishable grocery products in storage. Anhydrous ammonia is subject to EPA Regulation under 40 CFR 68, Accidental Release Risk Management of Highly Hazardous Chemicals.

Pursuant to RMP Regulations (40 CFR 68) and the Process Safety Management (PSM) Regulations WinCo has developed a comprehensive RMP/PSM written program to protect employees and the surrounding community from exposure to the hazardous chemicals (anhydrous ammonia) located on site. The facility completed a process hazard analysis (PHA) for the ammonia refrigeration system using the industry standard What-If Checklist Analysis developed through the International Institute of Ammonia Refrigeration (IIAR). The PHA was completed using the Refrigeration Contractor that was building the system, the General Contractor, the contractor retained by WinCo to operate and maintain the refrigeration system, Facility Maintenance Managers from WinCo's other ammonia refrigerated Distribution Centers, WinCo's Director of Environmental Compliance and was facilitated by an experienced 3rd party refrigeration engineer from Apex Refrigeration.

WinCo's implementation of the RMP/PSM Program includes employee education in the hazards of ammonia and measures that can be used to reduce employee and community exposure to accidental releases. The Plan includes a regular preventative maintenance program (mechanical integrity) for the ammonia system components, and a program for both pre-startup safety reviews and management of change (MOC) to the ammonia refrigeration system. The program also includes specific requirements for safe work practices (such as safe approaches to welding and similar hot work), and safety requirements for contractors who may be hired to work on the refrigeration system.

WinCo is committed to minimizing accidental releases from the refrigeration system at its Phoenix, AZ distribution center. Facility Management is involved in the operation and maintenance of the refrigeration system. WinCo's employees are involved in the development of the RMP/PSM programs. Management is committed to working with local agencies and the community to educate the public regarding the hazards of ammonia and to ensure a safe and surrounding community. Specific questions regarding the RMP/PSM compliance at WinCo should be addressed to WinCo's Director of Environmental Compliance